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SEP 16 2004

Date : September 16, 2004From : John B. Alexander, Ph.D.Fax : (617) 439-4170Direct : (617) 517-5555To : Group 1600U.S. Trademark & Patent OfficeFax : (703) 872-9307/6Direct :Pages : 6

(including cover sheet)

If you received a partial delivery, please call Michelle P. Chicos at (617) 517-5551.

Re :

Enclosed please find an Amendment in connection with U.S. Serial No. 10/009,693.

Please do not hesitate to contact me if you have any questions, or if I can be of any further assistance at this time.

Best Regards,

John B. Alexander, Ph.D.

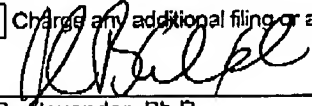
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**Fax**

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| AMENDMENT TRANSMITTAL LETTER   |   |   |                                   | Docket No.<br>56776(46342)       |             |
|--|---|---|-----------------------------------|----------------------------------|-------------|
| Application No.<br>10/009,693  |   | Filing Date<br>December 10, 2001                    |                                   | Examiner<br>S. M. Mayer          |             |
|  |   |   |                                   | Art Unit<br>1653                 |             |
| Applicant(s): Hiroyuki Kimura et al.   |   |   |                                   |                                  |             |
| Invention: NOVEL PROTEIN AND DNA THEREOF   |   |   |                                   |                                  |             |
| <b>TO THE COMMISSIONER FOR PATENTS</b>   |   |   |                                   |                                  |             |
| Transmitted herewith is an amendment in the above-identified application.<br>The fee has been calculated and is transmitted as shown below.  |   |   |                                   |                                  |             |
| <b>CLAIMS AS AMENDED</b>   |   |   |                                   |                                  |             |
|  | Claims<br>Remaining<br>After<br>Amendment | Highest<br>Number<br>Previously<br>Paid             | Number<br>Extra Claims<br>Present | Rate                             |             |
| Total Claims   |   | - 20 =  |                                   | x                                |             |
| Independent<br>Claims  |   | - 3 =   |                                   | x                                |             |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>   |   |   |                                   |                                  |             |
| Other fee (please specify):  |   |   |                                   |                                  |             |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>  |   |   |                                   |                                  | <b>0.00</b> |
| <input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity   |   |   |                                   |                                  |             |
| <input checked="" type="checkbox"/> No additional fee is required for this amendment.  |   |   |                                   |                                  |             |
| <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____<br>A duplicate copy of this sheet is enclosed.  |   |   |                                   |                                  |             |
| <input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.  |   |   |                                   |                                  |             |
| <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.  |   |   |                                   |                                  |             |
| <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>04-1105</u><br>as described below. A duplicate copy of this sheet is enclosed.   |   |   |                                   |                                  |             |
| <input checked="" type="checkbox"/> Credit any overpayment.  |   |   |                                   |                                  |             |
| <input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.   |   |   |                                   |                                  |             |
| <br>John B. Alexander, Ph.D.<br>Attorney/Reg. No.: 48,399<br>EDWARDS & ANGELL, LLP<br>P.O. Box 55674<br>Boston, Massachusetts 02205<br>(617) 439-4444 |   |   |                                   | Dated: <u>September 16, 2004</u> |             |
| I hereby certify that this correspondence is being transmitted by facsimile to the U.S. Patent and Trademark Office, Group 1653 at (703) 872-9306 on the date shown below.   |   |   |                                   |                                  |             |
| Dated: September 16, 2004  |   | Signature: <u>Michelle Chicos</u> (Michelle Chicos) |                                   |                                  |             |

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SEP 16 2004

Attorney Docket No.: 56776 (46342)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****APPLICANT(S):** H. Kimura, et al.**SERIAL NO.:** 10/009,693**EXAMINER:** S. M. Mayer**FILED:** December 10, 2001**GROUP ART UNIT:** 1653**FOR:** NEUTRAL AMINO ACID TRANSPORTER AND GENE THEREOF**Mail Stop: No Fee Amendment**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450****CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to Group 1600 of the U.S. Patent & Trademark Office by facsimile number 703-872-9306 on September 16, 2004.

By: Michelle Chicos

Michelle P. Chicos

**AMENDMENT AND RESPONSE TO RESTRICTION**

Sir:

Applicants are in receipt of the Office Action dated August 24, 2004 and request reconsideration of the above-identified application in view of the following amendments and remarks. Please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 3 of this paper.